

ABSTRACT OF THE DISCLOSURES

In order to improve spectral measurement accuracy during high-speed wavelength shifting, the appropriate sensitivity of the detection system is maintained by, 5 prior to measurement of a sample, measuring the voltage value, then storing this value into a table, and maintaining the voltage value to be applied to the photodetector, and during measurement of the sample, reading out the maintained voltage value and applying it 10 to the photodetector.